



County of Los Angeles
CHIEF EXECUTIVE OFFICE

Kenneth Hahn Hall of Administration
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WILLIAM T FUJIOKA
Chief Executive Officer

ADOPTED

BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

#26 NOVEMBER 3, 2010

Sachi A. Hamai
SACHI A. HAMAI
EXECUTIVE OFFICER

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November 3, 2010

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, CA 90012

Dear Supervisors:

**DEPARTMENT OF PUBLIC WORKS:
LOS ANGELES REGIONAL INTEROPERABLE
COMMUNICATIONS SYSTEM PROJECTS:
RIO HONDO NEW TOWER AND COMMUNICATIONS EQUIPMENT BUILDING
(SPECS. 6898; CAPITAL PROJECT NO. 69666)
PUENTE HILLS NEW TOWER AND COMMUNICATIONS EQUIPMENT BUILDING
(SPECS. 7098; CAPITAL PROJECT NO. 69667)
HAUSER PEAK NEW TOWER (SPECS. 7099; CAPITAL PROJECT NO. 69669)
BALD MOUNTAIN NEW TOWER (SPECS. 8000; CAPITAL PROJECT NO. 69675)
ESTABLISH CAPITAL PROJECTS AND APPROVE PROJECT BUDGETS
(FIRST, FOURTH, AND FIFTH DISTRICTS) (3 VOTES)**

SUBJECT

This action will allow the Department of Public Works (Public Works) to prepare construction documents and obtain jurisdictional approvals for the Los Angeles Regional Interoperable Communications System (LA-RICS) Projects: Rio Hondo New Tower and Communications Equipment Building, Puente Hills New Tower and Communications Equipment Building, Hauser Peak New Tower, and Bald Mountain New Tower.

IT IS RECOMMENDED THAT YOUR BOARD:

1. Establish capital projects for the Los Angeles Regional Interoperable Communications System Projects: Rio Hondo New Tower and Communications Equipment Building, Capital Project No. 69666; Puente Hills New Tower and Communications Equipment Building, Capital Project No. 69667; Hauser Peak

"To Enrich Lives Through Effective And Caring Service"

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New Tower, Capital Project No. 69669; and Bald Mountain New Tower, Capital Project No. 69675.

2. Approve the total project budgets for the Los Angeles Regional Interoperable Communications System projects: \$2,248,000 for the Rio Hondo New Tower and Communications Equipment Building, Capital Project No. 69666; \$2,508,500 for the Puente Hills New Tower and Communications Equipment Building, Capital Project No. 69667; \$1,152,500 for the Hauser Peak New Tower, Capital Project No. 69669; and \$1,142,500 for the Bald Mountain New Tower, Capital Project No. 69675.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

Approval of the recommended actions will allow Public Works to prepare construction documents and obtain jurisdictional approvals for the LA-RICS Projects: Rio Hondo New Tower and Communications Equipment Building, located in the City of Whittier (Fourth Supervisorial District); Puente Hills New Tower and Communications Equipment Building, located in the City of La Puente (First Supervisorial District); Hauser Peak New Tower, located in the City of Palmdale (Fifth Supervisorial District); and Bald Mountain New Tower, located in the City of Lancaster (Fifth Supervisorial District).

On September 22, 2009, your Board authorized the Chief Executive Office (CEO) to execute a Memorandum of Understanding (MOU) with the City of Los Angeles (City) to jointly accept funds from the Recovery Act Justice Assistance Grant (RA-JAG) program in the amount of \$17,893,297. The City would receive \$1,789,330 for grant administration and \$8,051,983 for communications towers and buildings. The County would receive \$8,051,984, \$1,000,000 of which would be allocated for various law enforcement projects, and \$7,051,984 for the recommended projects. The LA-RICS project will provide communications infrastructure that will support first responders and local mission-critical personnel within the Los Angeles region using shared city-county resources, including communications sites and antenna towers.

In 2010, Internal Services Department (ISD) conducted a feasibility study to identify potential site locations where LA-RICS communications infrastructure would be built. The final site selection was done in concert with LA-RICS, specifically, the City and County technical representatives on the LA-RICS Technical Committee. As a result of the study, ISD recommended that additional microwave antenna towers be installed at the Rio Hondo, Puente Hills, Hauser Peak, and Bald Mountain communication sites using RA-JAC funding. Each self-supporting steel lattice antenna tower will be between 125 and 150 feet in height and will be equipped with all the necessary mounts and accessories to render it fully functional for future use by ISD. In addition to the towers, the projects at the Rio Hondo and Puente Hills communications sites will also include

the construction of a communications building (approximately 1,200 to 1,400 square feet) that will contain 30 to 40 equipment racks, an emergency back-up generator, 100 percent redundant mechanical units, and all the required infrastructure to support future communications equipment. Once the four sites are improved with new equipment buildings and/or antenna towers, the facilities will be used to accommodate primarily LA-RICS and some County equipment. The LA-RICS's communications equipment will be installed by a LA-RICS system contractor after contract award by the LA-RICS joint powers authority and the County communication equipment will be installed by ISD.

Public Works' Architectural Engineering Division will provide design services for the projects.

Operating Budget Impact

ISD anticipates there will be no one-time start up costs or ongoing operating costs in either Fiscal Year 2010-11 or 2011-12. ISD will work with the Chief Executive Office to determine the appropriate level of reimbursable ongoing operating costs in the Department's Fiscal Year 2012-13 budget request.

Sustainable Design Program

The recommended projects support your Board's Sustainable Design Program by implementing energy efficient light fixtures and mechanical equipment in the Rio Hondo and Puente Hills communications buildings. This will lead to a reduction in operating costs due to decrease energy consumption.

Implementation of Strategic Plan Goals

The Countywide Strategic Plan directs the provision of Operational Effectiveness (Goal 1), Community and Municipal Services (Goal 3), and Public Safety (Goal 5) by constructing new telecommunications infrastructure that will allow County first-responders to more effectively respond to future emergencies.

FISCAL IMPACT/FINANCING

The total proposed project costs for the four LA-RICS projects, including plans and specifications, plan check, construction, change orders, consultant services, miscellaneous expenditures, civic art allocation, and County services, are currently estimated at \$7,051,500. The following indicates the breakdown for each project site:

- Rio Hondo New Tower and Communications Equipment Building: \$2,248,000

- Puente Hills New Tower and Communications Equipment Building: \$2,508,500
- Hauser Park New Tower: \$1,152,500
- Bald Mountain New Tower: \$1,142,500

Sufficient funding is available in the 2010-11 Capital Project Nos. 69666, 69667, 69669, and 69675 and are fully funded through the RA-JAG program funds, which expire on February 28, 2013. The total RA-JAG not-to-exceed amount allocated to the County is \$7,051,984. There is no impact to net County cost.

The proposed Projects' Schedules and Budget Summaries are included in Attachment A.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

An exemption to your Board's Civic Art Policy adopted on December 7, 2004, has been granted to these projects by the County Arts Commission and the CEO due to the funding restrictions associated with the RA-JAG grants and the general inaccessibility to the public for security reasons.

ENVIRONMENTAL DOCUMENTATION

Establishment of the LA-RICS capital projects and approval of the project budgets are not projects pursuant to the California Environmental Quality Act (CEQA) because they are activities that are excluded from the definition of a project by Section 15378(b) of the State CEQA Guidelines. The proposed actions are an administrative activity of government, which will not result in direct or indirect physical changes to the environment. The appropriate environmental documentation will be provided for your Board's consideration when we return to your Board prior to commencement of any activities related to the LA-RICS projects that would constitute a project under CEQA.

CONTRACTING PROCESS

Design services for the projects will be provided by Public Works' Architectural Engineering Division.

IMPACT ON CURRENT SERVICES OR PROJECTS

There will be no negative impact on current County services or projects during the performance of the recommended services. The existing four LA-RICS project sites will remain operational during construction of the improvements.

The Honorable Board of Supervisors
November 3, 2010
Page 5

CONCLUSION

Please return one adopted copy of this letter to the Chief Executive Office, Capital Projects Division; Department of Public Works, Project Management Division II; and to the Internal Services Department, Telecommunications Branch.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'W. T. Fujioka', with a long horizontal stroke extending to the right.

WILLIAM T FUJIOKA
Chief Executive Officer

WTF:BC:GF
DJT:CY:zu

Attachments

c: Executive Office, Board of Supervisors
County Counsel
Arts Commission
Auditor-Controller
Internal Services
Office of Affirmative Action Compliance
Public Works

November 3, 2010

ATTACHMENT A

**DEPARTMENT OF PUBLIC WORKS:
LOS ANGELES REGIONAL INTEROPERABLE
COMMUNICATIONS SYSTEM PROJECTS:
RIO HONDO NEW TOWER AND COMMUNICATIONS EQUIPMENT BUILDING
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ESTABLISH CAPITAL PROJECTS AND APPROVE PROJECT BUDGETS
(FIRST, FOURTH, AND FIFTH DISTRICTS) (3 VOTES)**

I. PROJECT SCHEDULE *

Project Activity	Scheduled Completion Date
Project Needs Assessment	Completed
Environmental Documents	09/13/11
Design Construction Documents Jurisdictional Approvals	03/23/11 08/29/11
Construction Bid and Award	12/14/11
Construction Substantial Completion Project Acceptance	09/13/12 12/26/12

*Schedule is applicable to all four projects, as they will be carried out concurrently.

II. PROJECT BUDGET SUMMARY

LA-RICS Rio Hondo New Tower and Communications Equipment Building

Budget Category	Project Budget
Land Acquisition	\$ 0
Construction	
Low Bid Contract	\$ 1,383,500
Bid Contingency	\$ 0
Change Orders (10 percent)	\$ 138,000
Demolition (JOC)	\$ 0
Offsite Construction	\$ 0
Equipment	\$ 0
Utility Connections	\$ 100,000
Miscellaneous Expense	\$ 0
Telecomm Equipment – Affixed to Building	\$ 0
Civic Arts	\$ 0
Subtotal	\$ 1,621,500
Programming/Development	\$ 0
Plans and Specifications	\$ 0
Consultant Services	
Deputy Inspection	\$ 20,000
Site Planning	\$ 0
Hazardous Materials	\$ 0
Geotech/Soils Test	\$ 40,000
Material Testing	\$ 10,000
Cost Estimating	\$ 8,000
Topographic Surveys	\$ 10,000
Construction Management	\$ 0
Construction Administration	\$ 0
Environmental (CEQA/NEPA)	\$ 64,000
Move Management	\$ 0
Equipment Planning	\$ 0
Legal	\$ 0
Scheduling	\$ 0
Contract/Change Order	\$ 0
Other	\$ 0
Subtotal	\$ 152,000
Miscellaneous Expenditures	
Printing	\$ 2,500
Furniture, Fixtures, and Equipment	\$ 0
Subtotal	\$ 2,500

II. PROJECT BUDGET SUMMARY (continued)

LA-RICS Rio Hondo New Tower and Communications Equipment Building Cont'd

Budget Category	Project Budget
Jurisdictional Review/Plan Check/Permit	\$ 12,000
County Services	
Code Compliance and Quality Control Inspections	\$ 69,000
Design Review	\$ 0
Design Services	\$ 88,000
Contract Administration	\$ 13,500
AED Support Services	\$ 0
Project Management	\$ 244,000
Project Management Support Services	\$ 0
Secretarial	\$ 9,500
Document Control	\$ 9,500
ISD Job Order Contract Management	\$ 0
DPW Job Order Contract Management	\$ 0
ISD ITS Communications	\$ 0
Project Security	\$ 0
Project Technical Support	\$ 16,500
Consultant Contract Recovery	\$ 2,500
Office of Affirmative Action	\$ 7,500
County Counsel	\$ 0
Other	\$ 0
Sheriff Job Order Contract Management	\$ 0
Design Services	\$ 0
Subtotal	\$ 460,000
Total	\$ 2,248,000

III. PROJECT BUDGET SUMMARY

LA-RICS Puente Hills New Tower and Communications Equipment Building

Budget Category	Project Budget
Land Acquisition	\$ 0
Construction	
Low Bid Contract	\$ 1,555,500
Bid Contingency	\$ 0
Change Orders (10 percent)	\$ 155,500
Demolition (JOC)	\$ 0
Offsite Construction	\$ 0
Equipment	\$ 0
Utility Connections	\$ 100,000
Miscellaneous Expense	\$ 0
Telecomm Equipment – Affixed to Building	\$ 0
Civic Arts	\$ 0
Subtotal	\$ 1,811,000
Programming/Development	\$ 0
Plans and Specifications	\$ 0
Consultant Services	
Deputy Inspection	\$ 20,000
Site Planning	\$ 0
Hazardous Materials (Landfill)	\$ 8,000
Geotech/Soils Test	\$ 40,000
Material Testing	\$ 10,000
Cost Estimating	\$ 8,000
Topographic Surveys	\$ 2,000
Construction Management	\$ 0
Construction Administration	\$ 0
Environmental (CEQA/NEPA)	\$ 65,000
Move Management	\$ 0
Equipment Planning	\$ 0
Legal	\$ 0
Scheduling	\$ 0
Contract/Change Order	\$ 0
Other	\$ 0
Subtotal	\$ 153,000
Miscellaneous Expenditures	
Printing	\$ 2,500
Furniture, Fixtures, and Equipment	\$ 0
Subtotal	\$ 2,500

III. PROJECT BUDGET SUMMARY (continued)
LA-RICS Puente Hills New Tower and Communications Equipment Building Cont'd

Budget Category	Project Budget
Jurisdictional Review/Plan Check/Permit	\$ 12,000
County Services	
Code Compliance and Quality Control Inspections	\$ 87,500
Design Review	\$ 0
Design Services	\$ 135,000
Contract Administration	\$ 13,500
AED Support Services	\$ 0
Project Management	\$ 246,000
Project Management Support Services	\$ 0
Secretarial	\$ 9,500
Document Control	\$ 9,500
ISD Job Order Contract Management	\$ 0
DPW Job Order Contract Management	\$ 0
ISD ITS Communications	\$ 0
Project Security	\$ 0
Project Technical Support	\$ 19,000
Consultant Contract Recovery	\$ 2,500
Office of Affirmative Action	\$ 7,500
County Counsel	\$ 0
Other	\$ 0
Sheriff Job Order Contract Management	\$ 0
Design Services	\$ 0
Subtotal	\$ 530,000
Total	\$ 2,508,500

IV. PROJECT BUDGET SUMMARY
LA-RICS Hauser Park New Tower

Budget Category	Project Budget
Land Acquisition	\$ 0
Construction	
Low Bid Contract	\$ 582,000
Bid Contingency	\$ 0
Change Orders (10 percent)	\$ 58,500
Demolition (JOC)	\$ 0
Offsite Construction	\$ 0
Equipment	\$ 0
Utility Connections	\$ 100,000
Miscellaneous Expense	\$ 0
Telecomm Equipment – Affixed to Building	\$ 0
Civic Arts	\$ 0
Subtotal	\$ 740,500
Programming/Development	\$ 0
Plans and Specifications	\$ 0
Consultant Services	
Deputy Inspection	\$ 14,500
Site Planning	\$ 0
Hazardous Materials	\$ 0
Geotech/Soils Test	\$ 18,000
Material Testing	\$ 7,500
Cost Estimating	\$ 5,000
Topographic Surveys	\$ 2,000
Construction Management	\$ 0
Construction Administration	\$ 0
Environmental (CEQA/NEPA)	\$ 60,000
Move Management	\$ 0
Equipment Planning	\$ 0
Legal	\$ 0
Scheduling	\$ 0
Contract/Change Order	\$ 0
Other	\$ 0
Subtotal	\$ 107,000
Miscellaneous Expenditures	
Printing	\$ 1,000
Furniture, Fixtures, and Equipment	\$ 0
Subtotal	\$ 1,000

IV. PROJECT BUDGET SUMMARY (continued)
LA-RICS Hauser Park New Tower

Budget Category	Project Budget
Jurisdictional Review/Plan Check/Permit	\$ 4,000
County Services	
Code Compliance and Quality Control Inspections	\$ 25,500
Design Review	\$ 0
Design Services	\$ 51,000
Contract Administration	\$ 8,000
AED Support Services	\$ 0
Project Management	\$ 184,000
Project Management Support Services	\$ 0
Secretarial	\$ 8,000
Document Control	\$ 8,000
ISD Job Order Contract Management	\$ 0
DPW Job Order Contract Management	\$ 0
ISD ITS Communications	\$ 0
Project Security	\$ 0
Project Technical Support	\$ 11,000
Consultant Contract Recovery	\$ 1,000
Office of Affirmative Action	\$ 3,500
County Counsel	\$ 0
Other	\$ 0
Sheriff Job Order Contract Management	\$ 0
Design Services	\$ 0
Subtotal	\$ 300,000
Total	\$ 1,152,500

V. PROJECT BUDGET SUMMARY
LA-RICS Bald Mountain New Tower

Budget Category	Project Budget
Land Acquisition	\$ 0
Construction	
Low Bid Contract	\$ 582,500
Bid Contingency	\$ 0
Change Orders (10 percent)	\$ 58,500
Demolition (JOC)	\$ 0
Offsite Construction	\$ 0
Equipment	\$ 0
Utility Connections	\$ 100,000
Miscellaneous Expense	\$ 0
Telecomm Equipment – Affixed to Building	\$ 0
Civic Arts	\$ 0
Subtotal	\$ 741,000
Programming/Development	\$ 0
Plans and Specifications	\$ 0
Consultant Services	
Deputy Inspection	\$ 14,500
Site Planning	\$ 0
Hazardous Materials	\$ 0
Geotech/Soils Test	\$ 18,000
Material Testing	\$ 7,500
Cost Estimating	\$ 5,000
Topographic Surveys	\$ 2,000
Construction Management	\$ 0
Construction Administration	\$ 0
Environmental (CEQA/NEPA)	\$ 60,000
Move Management	\$ 0
Equipment Planning	\$ 0
Legal	\$ 0
Scheduling	\$ 0
Contract/Change Order	\$ 0
Other	\$ 0
Subtotal	\$ 107,000
Miscellaneous Expenditures	
Printing	\$ 1,000
Furniture, Fixtures, and Equipment	\$ 0
Subtotal	\$ 1,000

V. PROJECT BUDGET SUMMARY (continued)
LA-RICS Bald Mountain New Tower Cont'd

Budget Category	Project Budget
Jurisdictional Review/Plan Check/Permit	\$ 4,000
County Services Code Compliance and Quality Control Inspections Design Review Design Services Contract Administration AED Support Services Project Management Project Management Support Services Secretarial Document Control ISD Job Order Contract Management DPW Job Order Contract Management ISD ITS Communications Project Security Project Technical Support Consultant Contract Recovery Office of Affirmative Action County Counsel Other Sheriff Job Order Contract Management Design Services	 \$ 25,000 \$ 0 \$ 41,000 \$ 8,000 \$ 0 \$ 184,000 \$ 0 \$ 8,000 \$ 8,000 \$ 0 \$ 0 \$ 0 \$ 0 \$ 11,000 \$ 1,000 \$ 3,500 \$ 0 \$ 0 \$ 0 \$ 0
Subtotal	\$ 289,500
Total	\$ 1,142,000